

Application Serial No. 09/936,273
Amendment dated October 11, 2005
Reply to Office Action dated July 12, 2005

Amendments to the Drawings

Replacement drawings for sheets 1-3 of the application are submitted herewith wherein the German text has been translated. Furthermore, the replacement sheets are darker and sharper than the drawings as originally filed.

REMARKS/ARGUMENTS

Three new drawing sheets are submitted herewith replacing the drawing sheets as originally filed. It is submitted that the drawings overcome the objection noted by the Examiner.

Claims 1-20 have been canceled without prejudice and replaced by new Claims 21-34. It is submitted that the new claims overcome the rejections under 35 U.S.C. 112.

It is submitted that Claim 21 and the claims dependent thereon patentably define over Bruhn and/or Bruhn combined with one or more of the secondary references for the reasons set forth hereinafter.

Independent Claim 21 calls for adapting the operating mode to changing transmission conditions in a CDMA network whereby when one of two mobile stations encounters a change in transmission quality on its air interface, thereby causing it to change its codec operating mode, that mobile station will induce the other mobile station in the case of transmission between the two mobile stations or a transcoder in the case of transmission from a mobile station to a public switching telephone network, to likewise change the codec operating mode. Although Bruhn discloses modifying the operating mode of a codec as a function changes in transmission conditions, it discloses controlling the codec mode of operation in the mobile station and the transcoder only on one radio interface.

Generally, a radio communication link involves two radio interfaces, namely from a first mobile station to a base station of a network and from the same or another base station to a second mobile station. The codec adaptation is done separately for each radio transmission interface. For a voice transmission from a first mobile station to a second mobile station the coding of a voice signal is adjusted by each transmission interface independently from each other. This is the arrangement disclosed by Bruhn. For transmission from a mobile station to a terminal device of a fixed wire network the voice signal has to be transcoded for a transmission to the terminal device.

The present invention as defined by Claim 21, on the other hand, sets forth a novel method for transcoder-free mobile-to-mobile connection, whereby the selection and adaptation of the codec mode of operation on both radio interfaces are coordinated thereby avoiding separate adaptation of the operating mode of codecs on both ends of a connection.

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Differently from Bruhn, the present invention causes the codec operating mode to be changed by whichever mobile station encounters a change in conditions at its air interface.

The secondary references do not supply the subject matter of Claim 21 that is missing from Bruhn.

It is therefore submitted that the subject matter defined by Claim 21 is not obvious over Bruhn or Bruhn combined with one or more of the secondary references for the reasons set forth above. It is requested that the Examiner reconsider the patentability of the claims and pass the application to issue.

Respectfully submitted,

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Name of Registered Representative

Signature

October 11, 2005

Date